

Metempsychosis

Suite: The Stone-Like

by Arya Akhavan (June 2015)

Angles for R.I. = 1.540

37 + 8 girdles = 45 facets

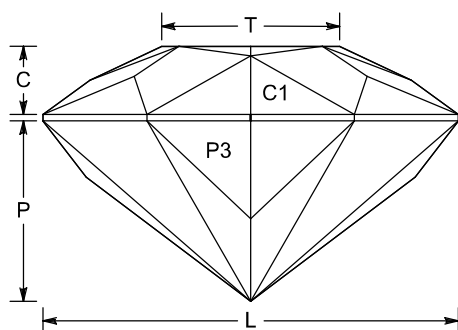
1-fold, mirror-image symmetry

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L/W = 1.000 T/W = 0.429 U/W = 0.421

P/W = 0.433 C/W = 0.163

Vol./W³ = 0.182



PAVILION

P1	45.00°	16-40-56-80	Cut to centerpoint.
P2	44.00°	15-17-39-57-79-81	Meet at culet.
G1	90.00°	16-40-56-80	Set stone size.
G2	90.00°	04-28-68-92	Meet P1, P2, G1
P3	61.71°	04-28-68-92	Level girdle.

CROWN

C1	44.92°	04-28-68-92	Set girdle width.
C2	39.93°	16-40-56-80	Level girdle.
C3	30.37°	13-19-37-43-53-59-77-83	Meet G1, G2, C1, C2
C4	27.58°	20-36-60-76	Meet C1, C3
C5	10.95°	09-87	Meet C1, C3
T	0.00°	Table	Meet C3, C4; C3, C4, C5

This design is a modification of my "Lord of Iron" design, rotated and reflected a few times until I got an interesting shield-ish shape. Although it has very low symmetry (1-fold mirror), because so many facets are in the same tier, it should still cut fairly quickly and easily, with no problems. Works in materials from petalite to rutile (RI = 1.50 - 2.62) with no changes.

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